

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144079.D
 Acq On : 27 Oct 2025 13:04
 Operator : RC/JU
 Sample : Q3385-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Oct 27 13:27:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

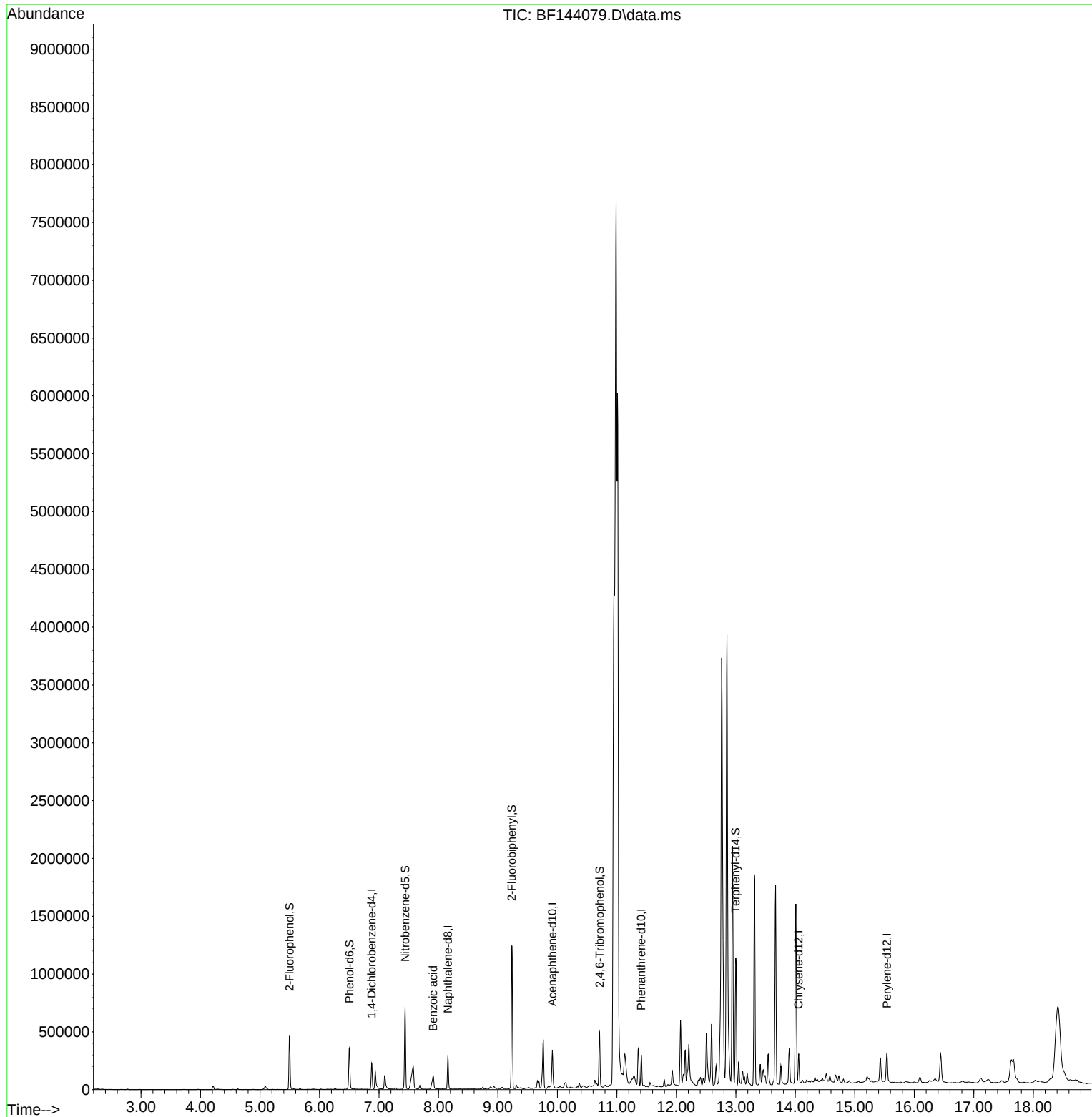
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	47582	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	172761	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	88391	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	140680	20.000	ng	0.00
76) Chrysene-d12	14.057	240	124175	20.000	ng	0.00
86) Perylene-d12	15.539	264	164739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	178451	59.335	ng	0.00
7) Phenol-d6	6.504	99	142803	42.994	ng	0.00
23) Nitrobenzene-d5	7.440	82	292299	92.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95516	84.833	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	567281	90.313	ng	0.00
79) Terphenyl-d14	12.998	244	592922	83.476	ng	0.00
Target Compounds						
32) Benzoic acid	7.910	122	43812	29.290	ng	Qvalue # 85

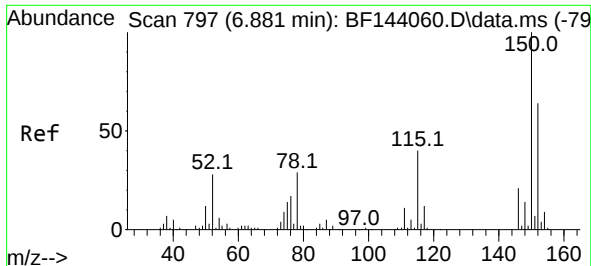
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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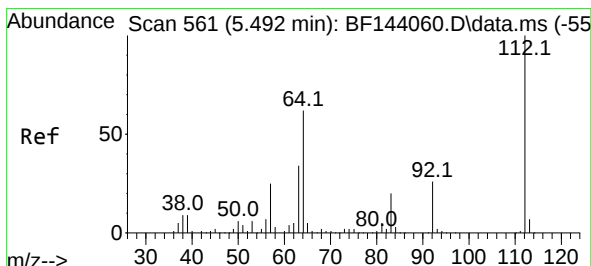
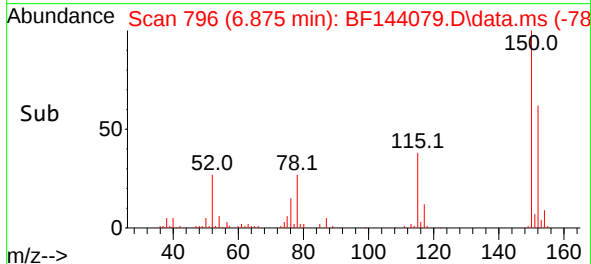
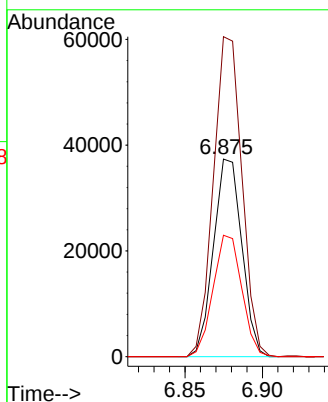
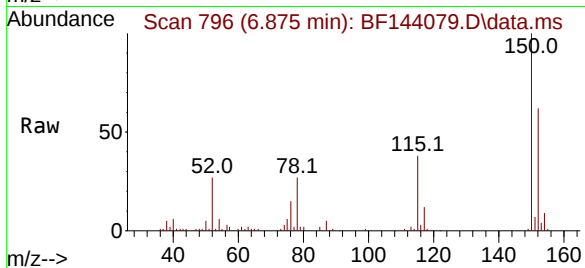




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

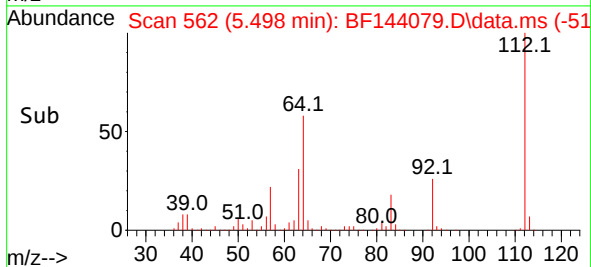
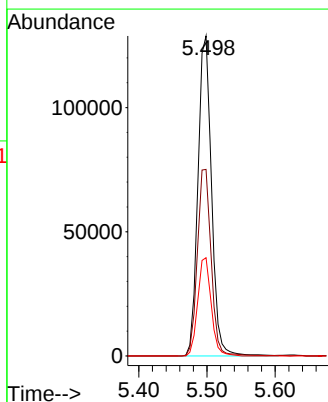
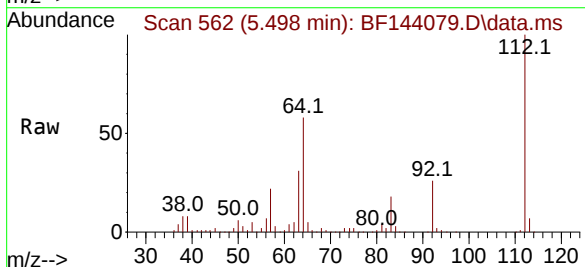
Instrument :
BNA_F
ClientSampleId :
EFF-WW

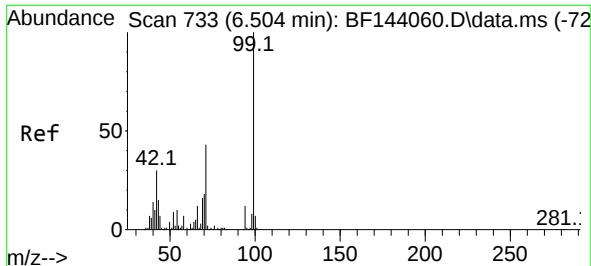
Tgt Ion:152 Resp: 47582
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 59.335 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

Tgt Ion:112 Resp: 178451
Ion Ratio Lower Upper
112 100
64 58.3 49.8 74.8
63 30.7 27.4 41.2

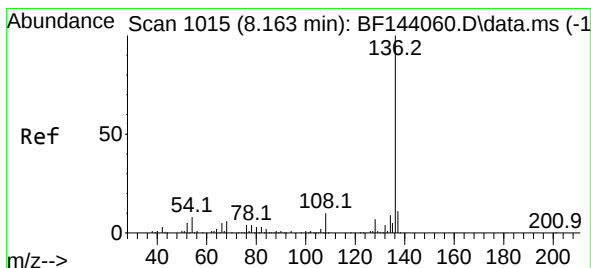
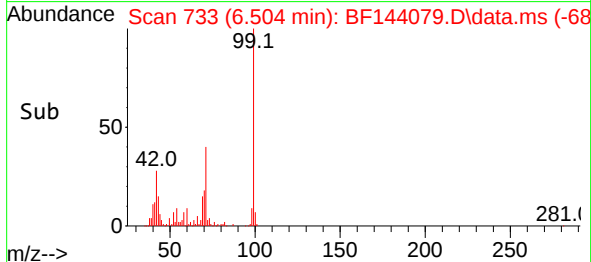
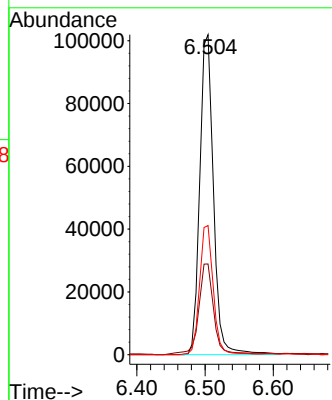
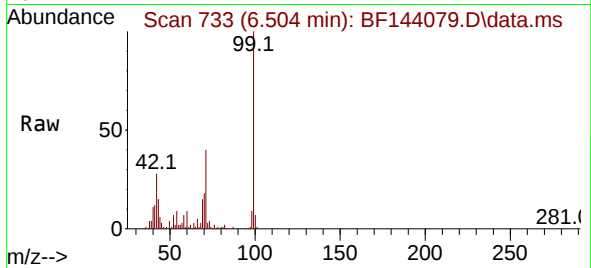




#7
Phenol-d6
Concen: 42.994 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

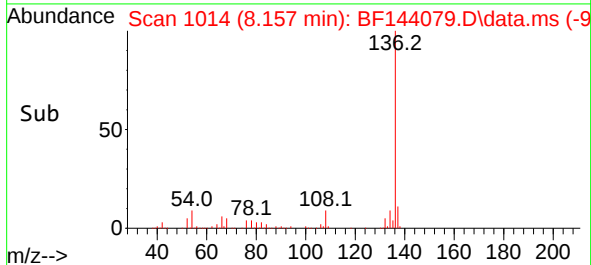
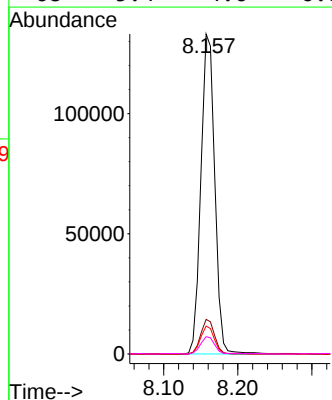
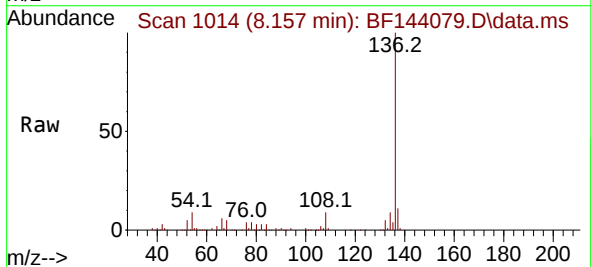
Instrument :
BNA_F
ClientSampleId :
EFF-WW

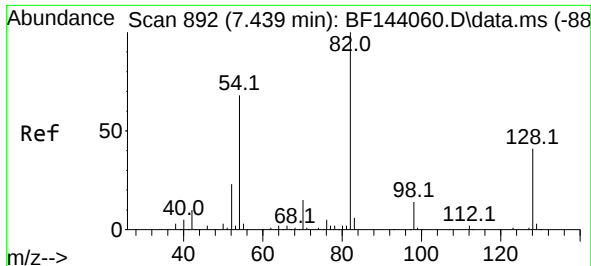
Tgt Ion: 99 Resp: 142803
Ion Ratio Lower Upper
99 100
42 28.4 23.9 35.9
71 40.4 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

Tgt Ion: 136 Resp: 172761
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.696 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

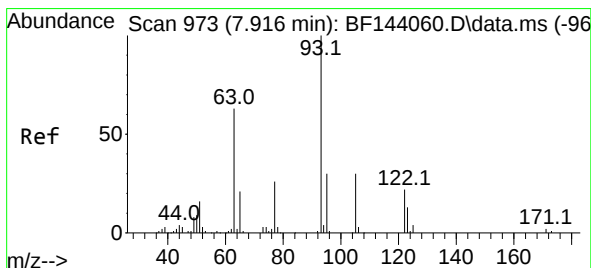
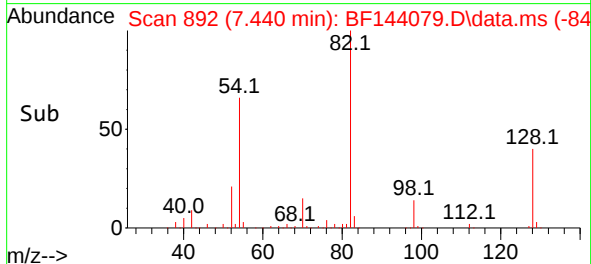
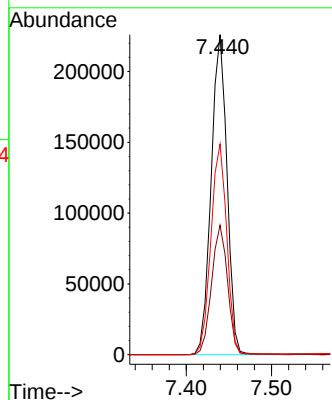
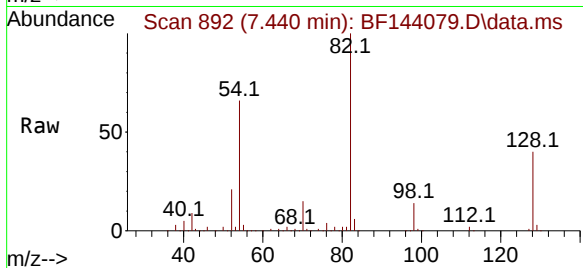
BNA_F

ClientSampleId :

EFF-WW

Tgt Ion: 82 Resp: 292299

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	65.8	54.0	81.0



#32

Benzoic acid

Concen: 29.290 ng

RT: 7.910 min Scan# 972

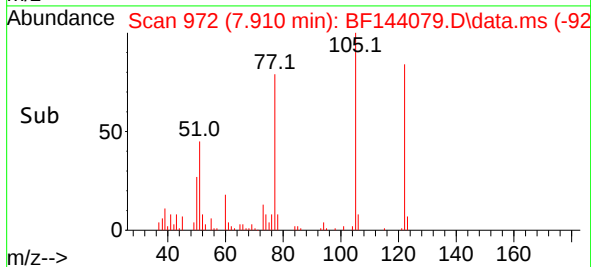
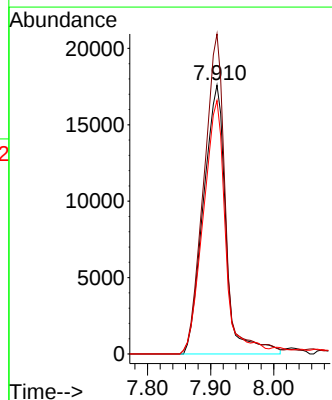
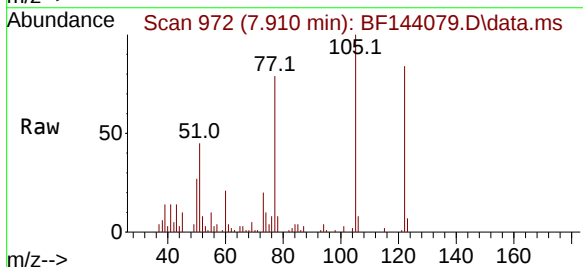
Delta R.T. -0.006 min

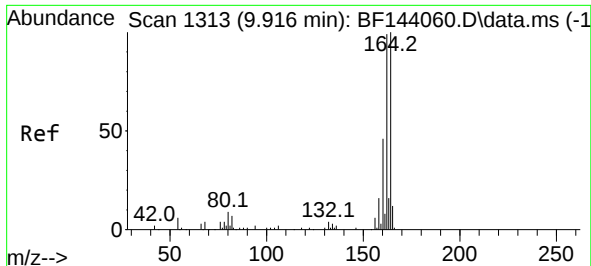
Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Tgt Ion:122 Resp: 43812

Ion	Ratio	Lower	Upper
122	100		
105	119.1	111.3	151.3
77	94.3	96.7	136.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

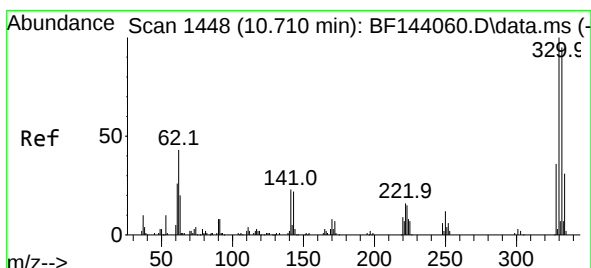
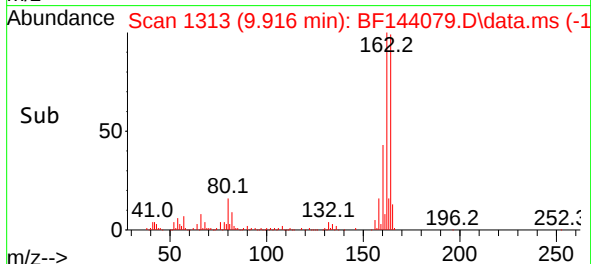
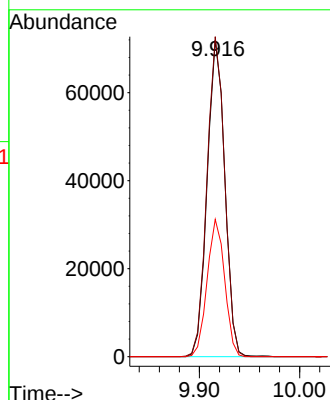
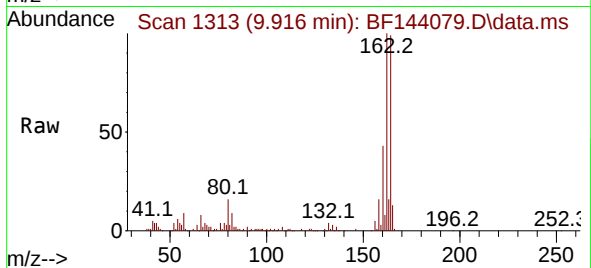
Tgt Ion:164 Resp: 88391

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.2

160 43.4 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 84.833 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

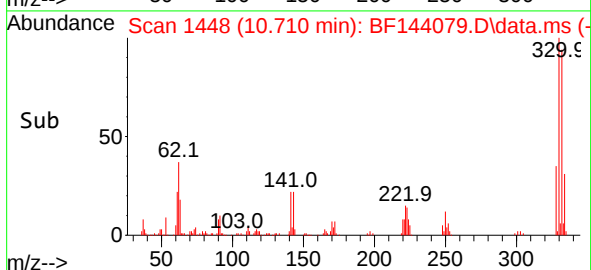
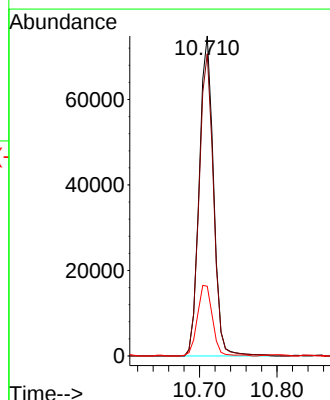
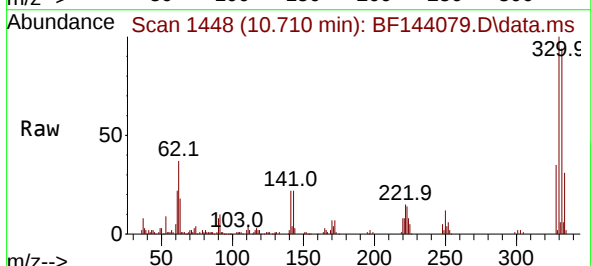
Tgt Ion:330 Resp: 95516

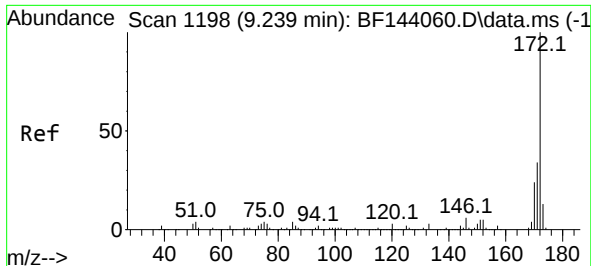
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 23.4 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 90.313 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

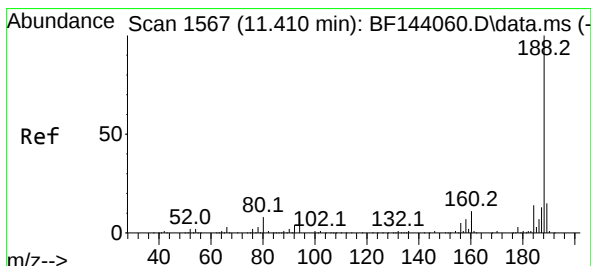
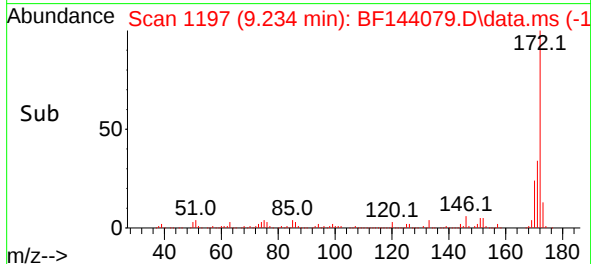
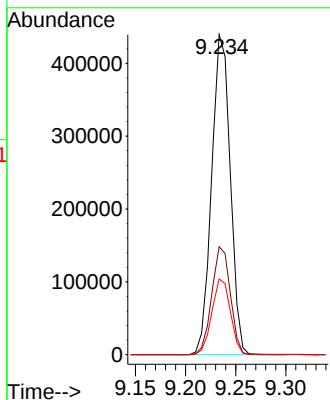
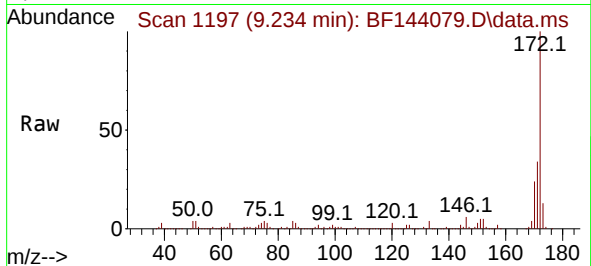
Tgt Ion:172 Resp: 567281

Ion Ratio Lower Upper

172 100

171 33.7 27.5 41.3

170 23.7 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

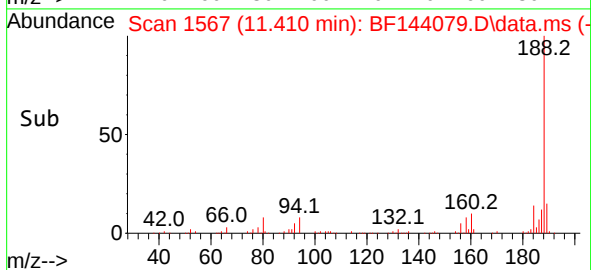
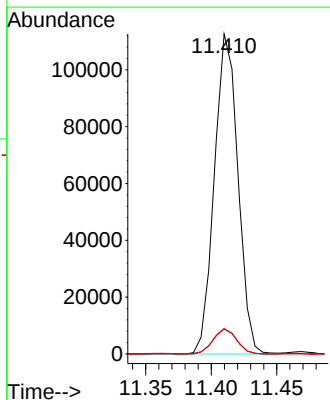
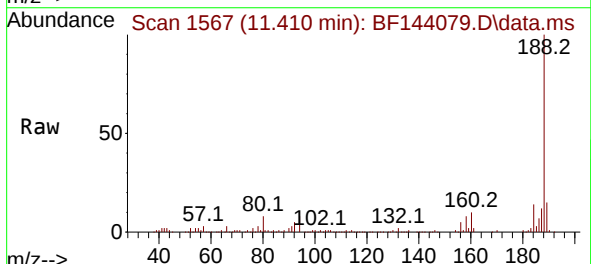
Tgt Ion:188 Resp: 140680

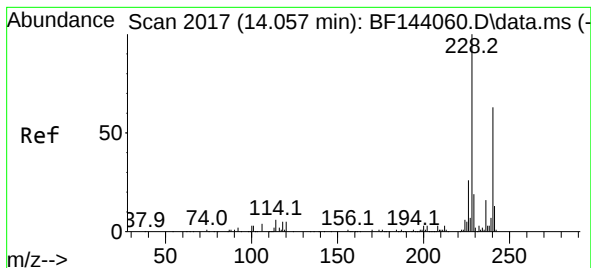
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 7.9 6.0 9.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

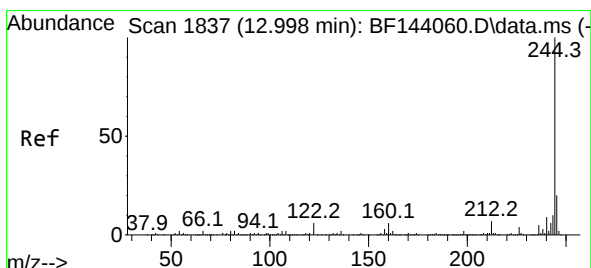
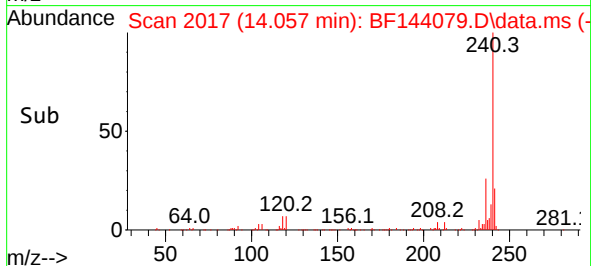
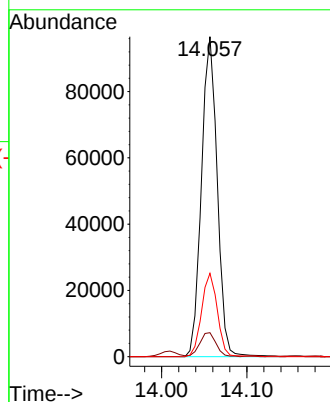
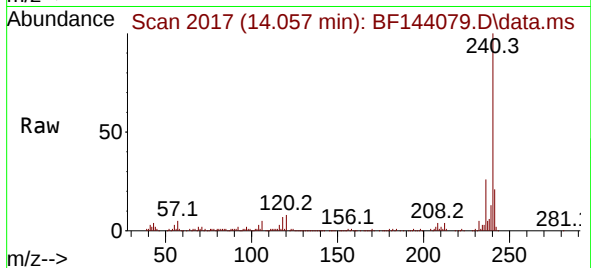
Tgt Ion:240 Resp: 124175

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

236 26.0 20.1 30.1



#79

Terphenyl-d14

Concen: 83.476 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

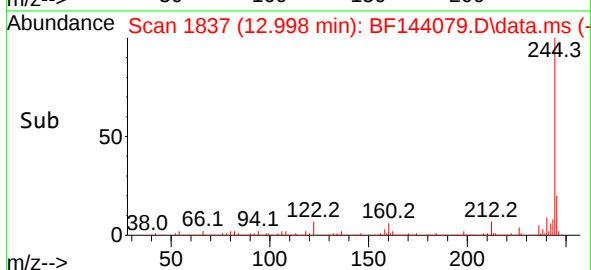
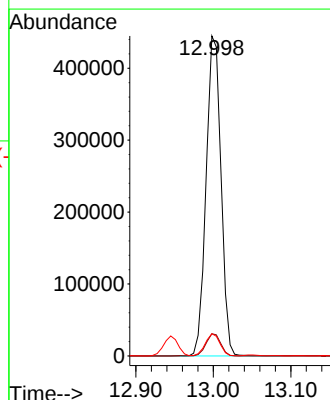
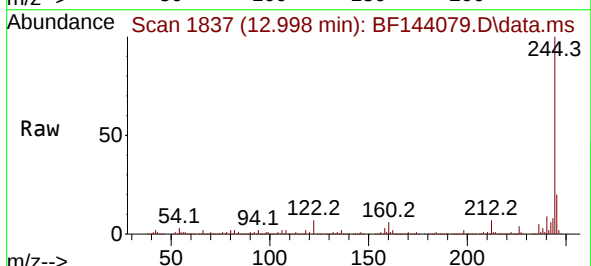
Tgt Ion:244 Resp: 592922

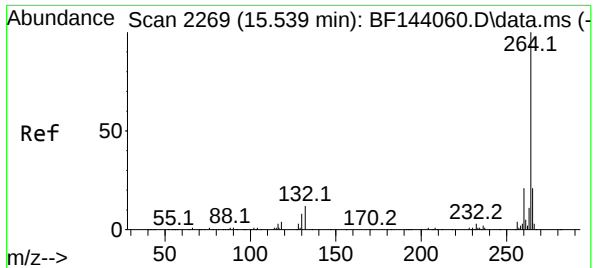
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

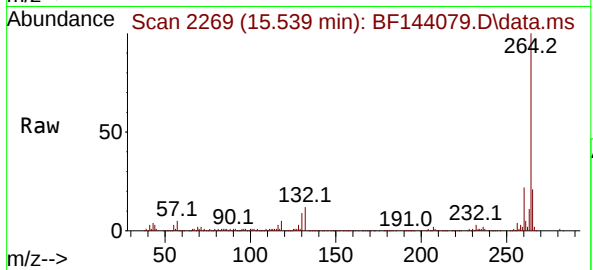
122 7.0 4.9 7.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF144079.D
 Acq: 27 Oct 2025 13:04

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:264 Resp: 164739

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.0	25.4
265	20.8	16.6	24.8

